



American Energy Systems Inc **Information Bulletin**

Fall Maintenance

Product models covered: All models of Biomass/Corn/Wood pellet appliances.

Topic: This technical bulletin will be addressing how to perform fall maintenance on your unit to achieve maximum efficiency and enjoyment. Be diligent with regular and proper cleanings. Read the owner's manual for detailed maintenance instructions or contact your local dealer.

Procedure:

- Vacuum the hopper.** Dust, insects, spiders, pet hair, etc. can accumulate over the spring and summer months. Make sure to use an ash vacuum, as a shop vac or regular vacuum may release the dirt into the room.
- Inspect and clean the firepot/ash pan (underneath both), clean out plugs/slides, heat exchanger areas, brick board, auger system, entire burn chamber, inside of unit/cabinet.** Vacuum all area thoroughly. Make sure to use an ash vacuum, as a shop vac or regular vacuum may release the dirt into the room.
- Inspect and clean the combustion/exhaust blower.** Over the spring and summer dust, pet hair, etc. may collect on the blades of the combustion blower. It should be inspected and vacuumed clean. The combustion/draft blower is accessed by opening the stove's right side panel and then removing the inspection caps or the exhaust manifold cover. Never operate the stove without the inspection cap or manifold cover in place.
- Inspect and clean the convection/room air fan.** The convection/room air fan will accumulate dust, pet hair, etc. on the blades during the spring and summer. It should be inspected and vacuumed clean. Pet hair will clog up the fins and also the motor windings and cause premature wear, overheating and failure of the blower system.
- Inspect all gaskets.** Inspect and replace if necessary.
- Inspect and clean all venting.** Inspect and clean all venting (inside and outside), make sure all chimney connections, elbows, and fittings are airtight.
- Clean the glass, doors and outer cabinet.**
- Plug the unit in.** Remember to plug the unit back in before starting.
- Run the unit on a higher setting for 2 - 4 hours.** This helps clean out the heat exchanger system, venting system and firebox area.
- Check left over fuel or purchase fuel.** Fuel can accumulate moisture over the spring and summer months. Dispose of fuel to local wildlife. Do not store over spring and summer months. Or purchase fuel for heating season; make sure fuel is clean and free from debris.
- Remodeled home, check negative pressure.** If the home has been remodeled in anyway, negative pressure can compromise the integrity of the unit.
- Check combustible clearances for compromises.** Check combustible clearances for necessary minimum clearances, also proper floor protection.

Fall Maintenance Checklist

- Vacuum the hopper.
- Inspect and clean the firepot/ash pan (also underneath both), clean out plugs/slides, heat exchanger areas, brick board, auger system, entire burn chamber, inside of unit/cabinet.
- Inspect and clean the combustion/exhaust blower.
- Inspect and clean the convection/room air fan.
- Inspect all gaskets (replace if necessary).
- Inspect and clean all venting (inside and outside), make sure all chimney connections, elbows, and fittings are airtight.
- Clean the glass, doors and outer cabinet.
- Plug the unit in.
- Run the unit on a higher setting for 2 – 4 hours.
- Check left over fuel or purchase fuel.
- Remodeled home, check negative pressure.
- Check combustible clearances for compromises.